









PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/684,975
Filing Date	October 14, 2003
First Named Inventor	David Alford Burgoon
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0072 PA/40078.248

Sheet 4 of 8

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
D6		US- 6,272,498	08/07/2001	Muthukrishnan et al.	
		US- 6,278,989	08/21/2001	Chaudhuri et al.	
		US- 6,278,998	08/21/2001	Ozden et al.	
		US- 6,282,570	08/28/2001	Leung et al.	
		US- 2002/0010706	01/24/2002	Brickell et al.	
		US- 6,343,288	01/29/2002	Lindsay et al.	
		US- 6,353,832	03/05/2002	Acharya et al.	
		US- 6,360,214	03/19/2002	Ellis et al.	
		US- 6,366,901	04/02/2002	Ellis	
		US- 6,374,234	04/16/2002	Netz	
		US- 2002/0087518	07/04/2002	Ellis et al.	
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		US- 6,477,534	11/05/2002	Acharya et al.	
		US- 6,480,836	11/12/2002	Colby et al.	
		US- 6,484,159	11/19/2002	Mumick et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>8</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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First Named Inventor	David Alford Burgoon
Art Unit	
Examiner Name	
Attorney Docket Number	BAT 0072 PA/40078.248

Sheet 5 of 8

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D6 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		US- 2002/0178151	11/28/2002	Chaudhuri et al.	
		US- 2002/0184211	12/05/2002	Gruenwald	
		US- 6,493,699	12/10/2002	Colby et al.	
		US- 6,507,840	01/14/2003	Ioannidis et al.	
		US- 2003/0018615	01/23/2003	Chaudhuri et al.	
		US- 6,519,604	02/11/2003	Acharya et al.	
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				Art Unit	
				Examiner Name	
Sheet	6	of	8	Attorney Docket Number	BAT 0072 PA/40078.248

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D6		ACHARYA et al.; Join Synopses for Approximate Query Answering; Bell Laboratories; New Jersey	
		VITTER; An Efficient Algorithm for Sequential Random Sampling; pp. 1-11	
		ZAKI et al.; Evaluation of Sampling for Data Mining of Association Rules; pp. 1-9	
		GUNOPULOS et al.; Approximating Multi-Dimensional Aggregate Range Queries Over Real Attributes; pp. 1-12	
		HAAS; Hoeffding Inequalities for Join-Selectivity Estimation and Online Aggregation; Research Report; August 1996; pp. 1-29; IBM Research Division; California	
		LING et al.; An Evaluation of Sampling-Based Size Estimation Methods for Selections in Database Systems; 1995; pp. 532-539; IEEE	
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		AMBITE et al.; Fast Approximate Evaluation of OLAP Queries for Integrated Statistical Data; pp. 1-8	
		ABDULLA et al.; Approximate Ad-Hoc Query Engine for Simulation Data; 2001; pp. 1-2	
✓		GANTI et al.; CICLES: Self-Tuning Samples for Approximate Query Answering; Proceedings of the 26th VLDB Conference; 2000; pp. 1-12; Egypt	

Examiner Signature	<i>Jg [Signature]</i>	Date Considered	5/22/06
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	<b>Filing Date</b>	October 14, 2003
	<b>First Named Inventor</b>	David Alford Burgoon
	<b>Art Unit</b>	
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<b>Attorney Docket Number</b>	BAT 0072 PA/40078.248	

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DG		GIBBONS et al.; Aqua Project White Paper; 1997; pp. 1-28; New Jersey	
		GIBBONS et al.; New Sampling-Based Summary Statistics for Improving Approximate Query Answers; pp. 1-12	
		HAAS et al.; Fixed-Precision Estimation of Join Selectivity; 1993; pp. 190-201; Washington, D.C.	
		SHATKAY et al.; Approximate Queries and Representations for Large Data Sequences; 1996; pp. 536-545; IEEE	
		WALKER; On Retrieval From A Small Version Of A Large Data Base; 1980; pp. 47-54; IEEE	
		HOU et al.; Statistical Estimators for Aggregate Relational Algebra Queries; 1991; pp. 600-654; Vol. 16, No. 4; ACM Transactions on Database Systems	
		OLKEN et al.; Sampling From Spatial Databases; 1993; pp. 199-208; IEEE	
		HOU et al.; Statistical Estimators For Relational Algebra Expressions; 1988; pp. 276-287; ACM	
		KIVINEN et al.; The Power Of Sampling In Knowledge Discovery; 1994; pp. 77-85; ACM; Minnesota	

<b>Examiner Signature</b>	<i>[Signature]</i>	<b>Date Considered</b>	5/22/06
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Sheet	8	of	8
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DG		ROWE; Antisampling For Estimation: An Overview; 1985; pp. 1-20; IEEE	
		OLKEN et al.; Random Sampling From Databases - A Survey; 1994; 1-54; California	
		OLKEN et al.; Maintenance Of Materialized Views Of Sampling Queries; 1992; pp. 632-641; IEEE	
		OLKEN et al.; Simple Random Sampling From Relational Databases; Proceedings of the Twelfth International Conference on Very Large Data Bases; 1986; pp. 160-169; Kyoto	
		VRBSKY; Approximate: A Query Processor That Produces Monotonically Improving Approximate Answers; Thesis; 1993; pp. 1-124; Illinois	
		HELLERSTEIN et al.; Online Aggregation; ACM SIGMOD International Conference On Management; 1997; pp. 1-12; Arizona	
✓		DATE; An Introduction To Database Systems, Fifth Edition; 1991; pp. 152-155; Addison-Wesley Publishing Company	
DG		Informix Red Brick Decision Server; Technical Brief; pp. 1-4; 2000	

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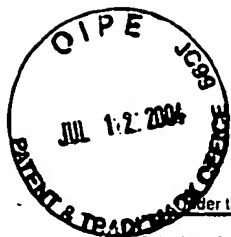
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Art Unit	2186
Examiner Name	
Attorney Docket Number	BAT 0072 PAJ40078.248

Sheet	1	of	1
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DG		HOU, WEN-CHI: "A Framework for Statistical Data Mining with Summary Tables", SCIENTIFIC AND STATISTICAL DATABASE MANAGEMENT, 1999. ELEVENTH INTERNATIONAL CONFERENCE ON CLEVELAND, OH, USA, 28-30 JULY 1999, pgs. 14-23	

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